Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 14 Mar 2023 until 23:59 on Wednesday 15 Mar 2023

Forecast Issued on Tuesday 14 Mar 2023 at 03:25

Confidence: High for wintry showers Tuesday, largely settled early Wednesday then unsettled thereafter, but lowering for detail of cloud, transitions and snow levels.

Headline for Tuesday 14 Mar 2023: Wintry showers. Severe wind chill at height in fresh to strong summit winds.

Mountain weather hazards on Tuesday 14 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Heavy snow	Heavy snow	Heavy snow showers (night)	Clear night
Precipitation probability					
10%	20%	60%	70%	70%	20%

Forecast for Tuesday 14 Mar 2023

Weather: A mix of clear then brighter spells mixed with snow showers through the day. Best of the brightness expected for the morning, with showers building for the afternoon, some heavy at times with a risk of thunder. Showers dying away through the evening.

Chance of cloud-free hill tops above 600m: For any given instance 90% at dawn becoming 70% in the afternoon, but limited prospect of prolonged clear spells given the showery nature of the flow.

Low Cloud and visibility: Good or very good becoming poor or very poor in snow showers, virtually nil within cloud with bases lowering 500m infrequently during the afternoon showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Tuesday 14 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 N	16/20 W	20/27 W	18/24 W	11/16 NW	9/13 N	5/7 SW
300	7/15 NW	8/17 W	13/25 W	12/23 W	8/16 NW	6/15 N	3/8 NW
Valley	8/21 N	4/11 W	11/23 W	11/22 W	7/16 NW	2/8 NW	2/4 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-9	-2/-9	-1/-8	-2/-8	-2/-8	-3/-8	-4/-7
300	-1/-4	1/-2	2/-3	1/-4	0/-4	-2/-6	-3/-6
Valley	0/-4	2/0	3/-0	3/-1	1/-2	-1/-3	-2/-4
Freezing Level*	00m	100m	300m	300m	200m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds and low freezing level bringing severe wind chill.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 14 Mar 2023	26.2mm	43mm	44.4mm

Forecast for Wednesday 15 Mar 2023

Weather: Largely dry, bright, icy start to Wednesday. Cloud gradually thickening and lowering from the west to bring patchy snow late afternoon, which turns heavier through the evening, turning to rain at all levels towards midnight.

Maximum wind: Variable 15 mph or less becoming southerly 25-30 mph with gusts 35-40 mph for the evening.

Chance of cloud-free hill tops above 600m: 90% plus becoming 70% mid-afternoon, 20% evening.

Low Cloud and visibility: Good or very good becoming poor or very poor in snow, virtually nil within cloud with bases lowering 500m infrequently for morning, occasionally for afternoon, then widespread for the evening.

Temperature: **Valleys:** Minus 3 deg Celsius increasing Plus 5 Celsius later in day.
At 600m: Minus 4 deg Celsius increasing Minus 1 deg Celsius late in day.
Freezing level: Freezing all levels, increasing 500m by evening and above peaks by midnight.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.